

## ABSTRACT

Disclosed is a vacuum packaging film having a multiple of groups of protuberances, a method of manufacturing the same and a vacuum packaging bag using the same. The vacuum packaging film includes a base layer, and a thermoforming layer laminated on the base layer and having protuberances on an inner surface thereof to form air passages, in which the protuberances have first group of protuberances, second group of protuberances having a height higher than that of the first group of protuberances, third group of protuberances having a height higher than that of the second group of protuberances, and fourth group of protuberances having a height higher than that of the third group of protuberances. Further, the four groups of protuberances have different arrangements arranged at different angles, thus clearly showing a pattern formed on an inner surface of the thermoforming layer. Also, since the vacuum packaging film has two to four groups of protuberances, a total surface area of the protuberances is enlarged. Thereby, an output flux of air increases and an internal chamber of the vacuum packaging bag can be easily made to the state of vacuum. Furthermore, a variety of patterns can be formed by various sizes and different arrangement directions of the protuberances, therefore resulting in increased productivity of end products according the needs of users.